

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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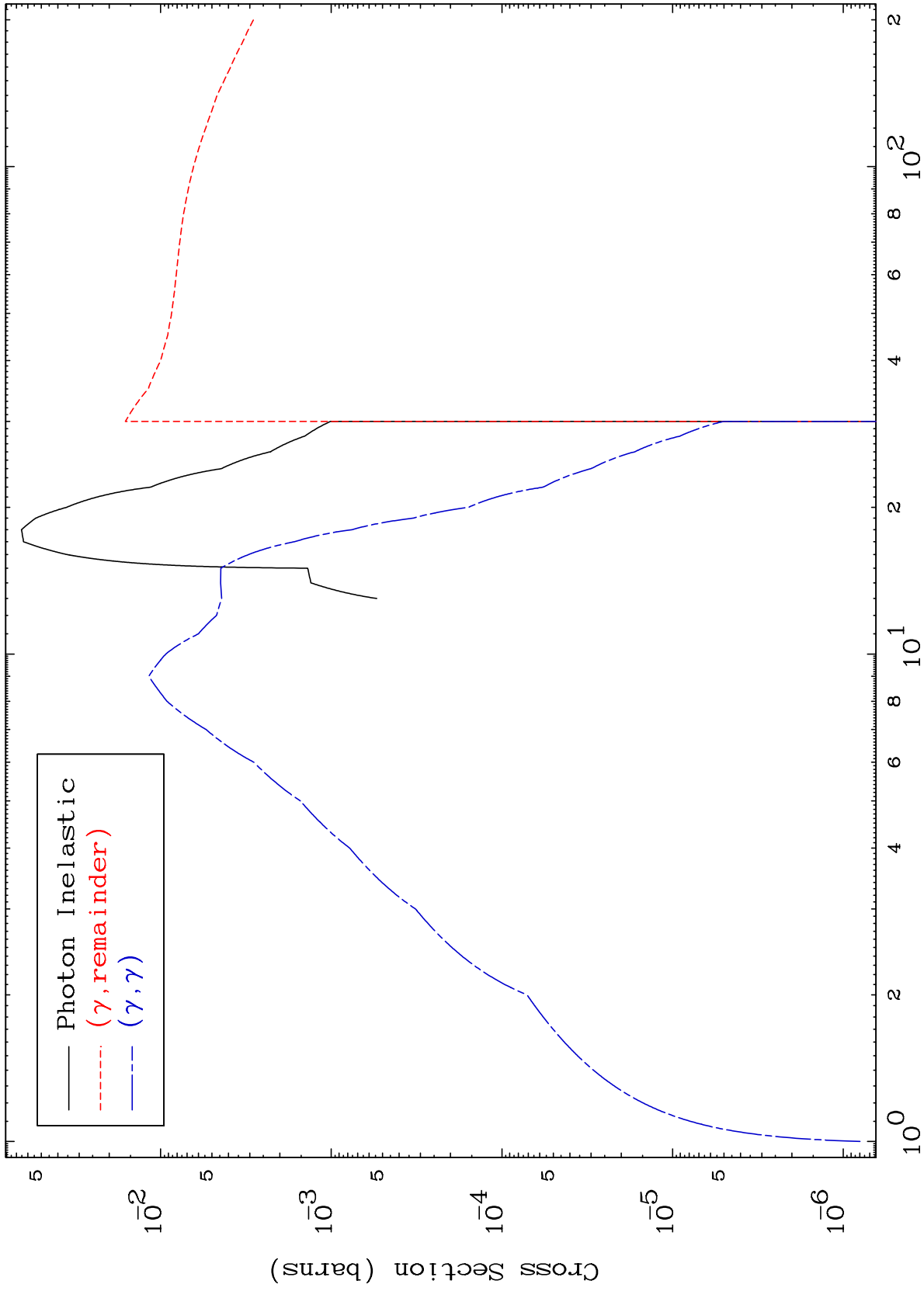
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4113

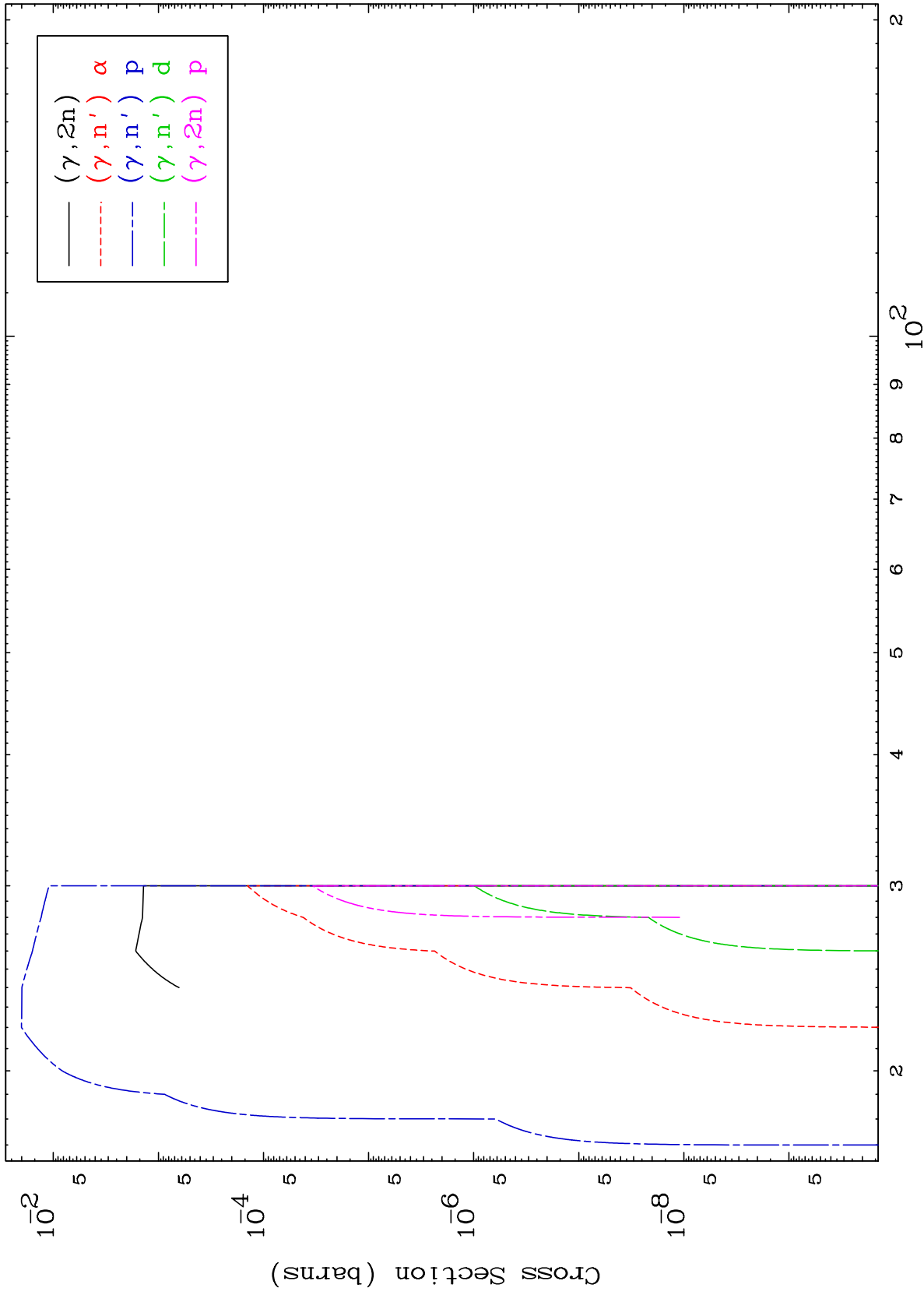
Photon Major  
0 Kelvin Cross Sections

41-Nb-89



Incident Energy (MeV)

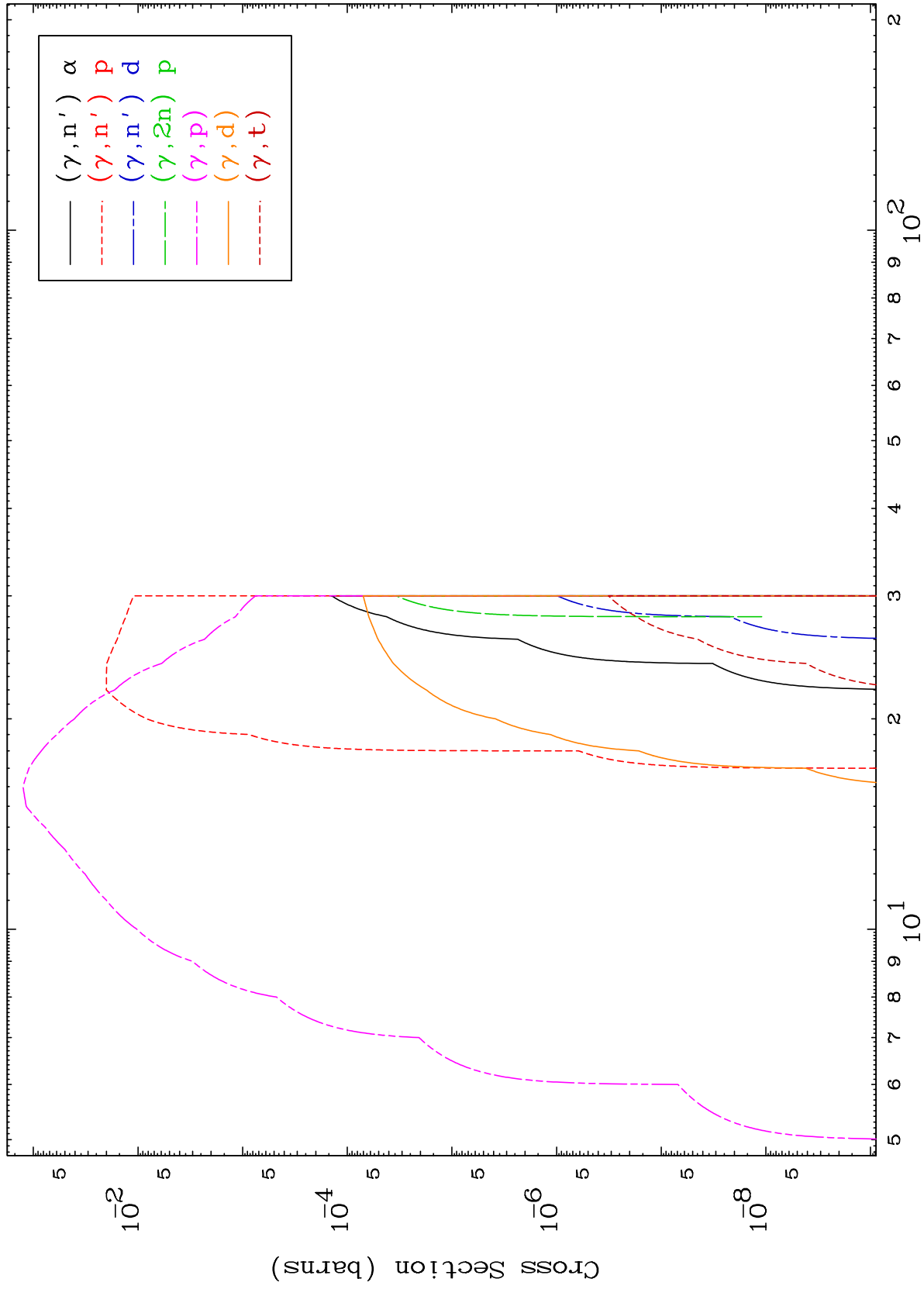
41-Nb-89



MAT 4113

Photon Charged Particle  
0 Kelvin Cross Sections

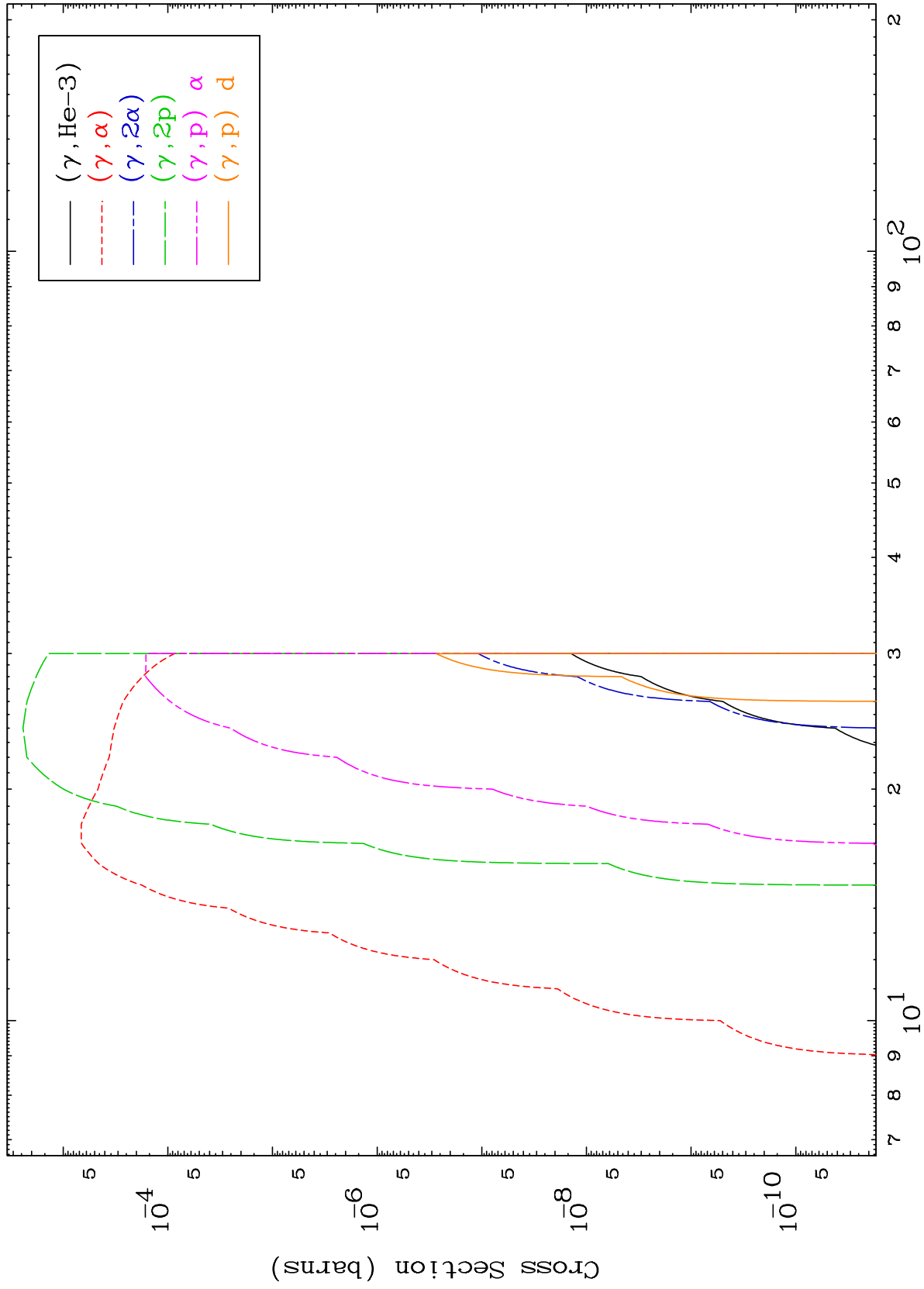
41-Nb-89



3

Incident Energy (MeV)

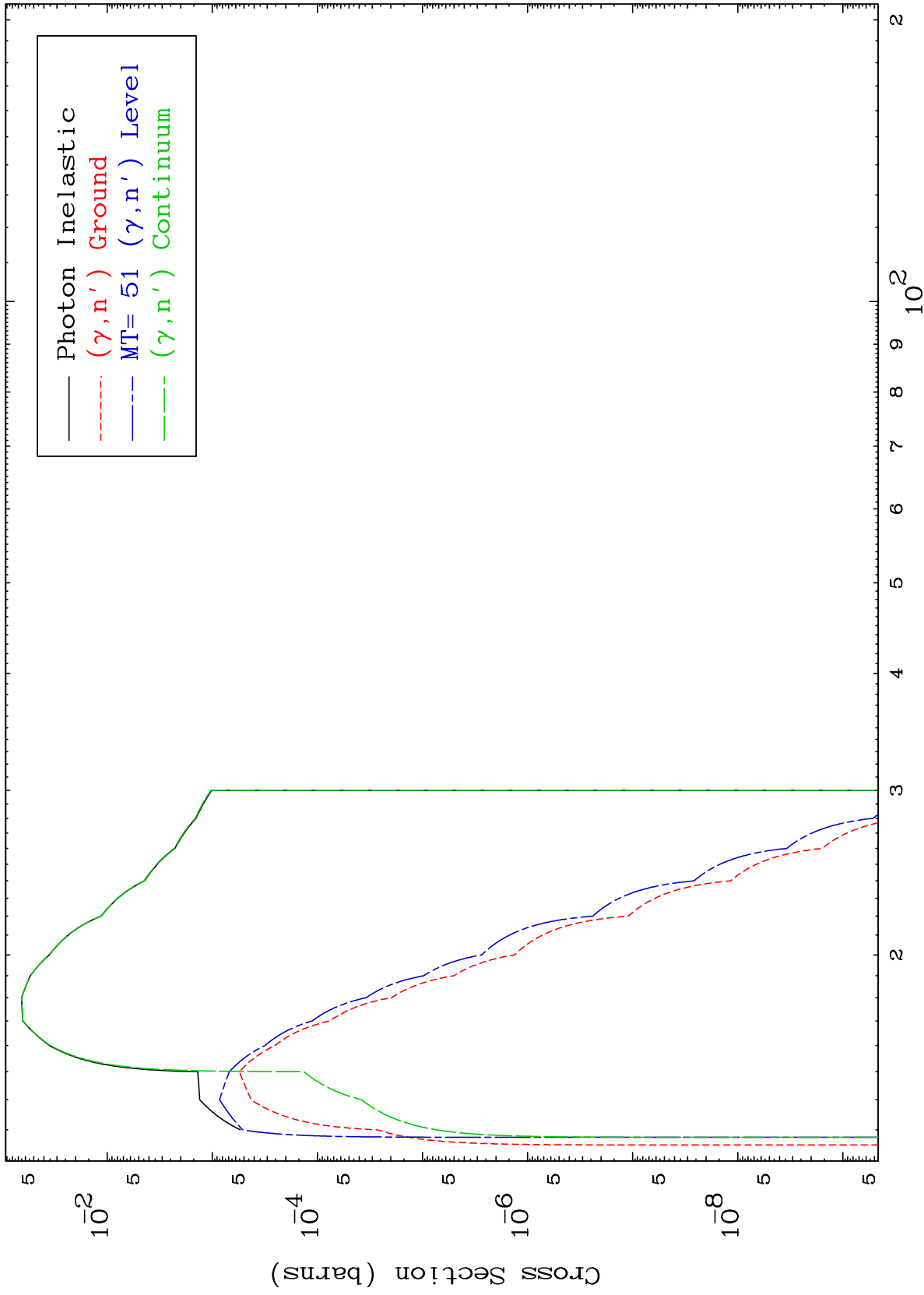
41-Nb-89



MAT 4113

$(\gamma, n')$  Level  
0 Kelvin Cross Sections

41-Nb-89



5

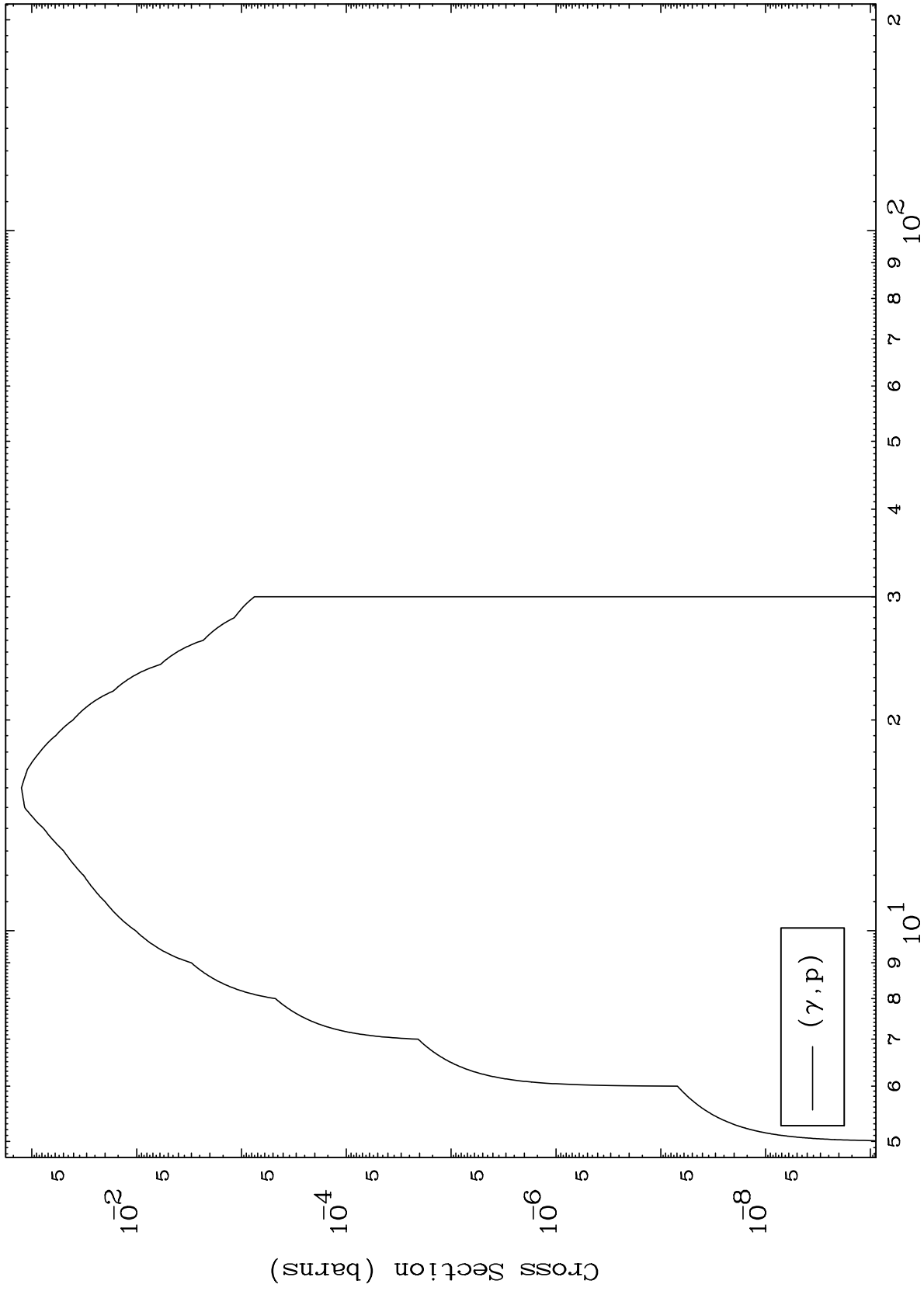
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



6

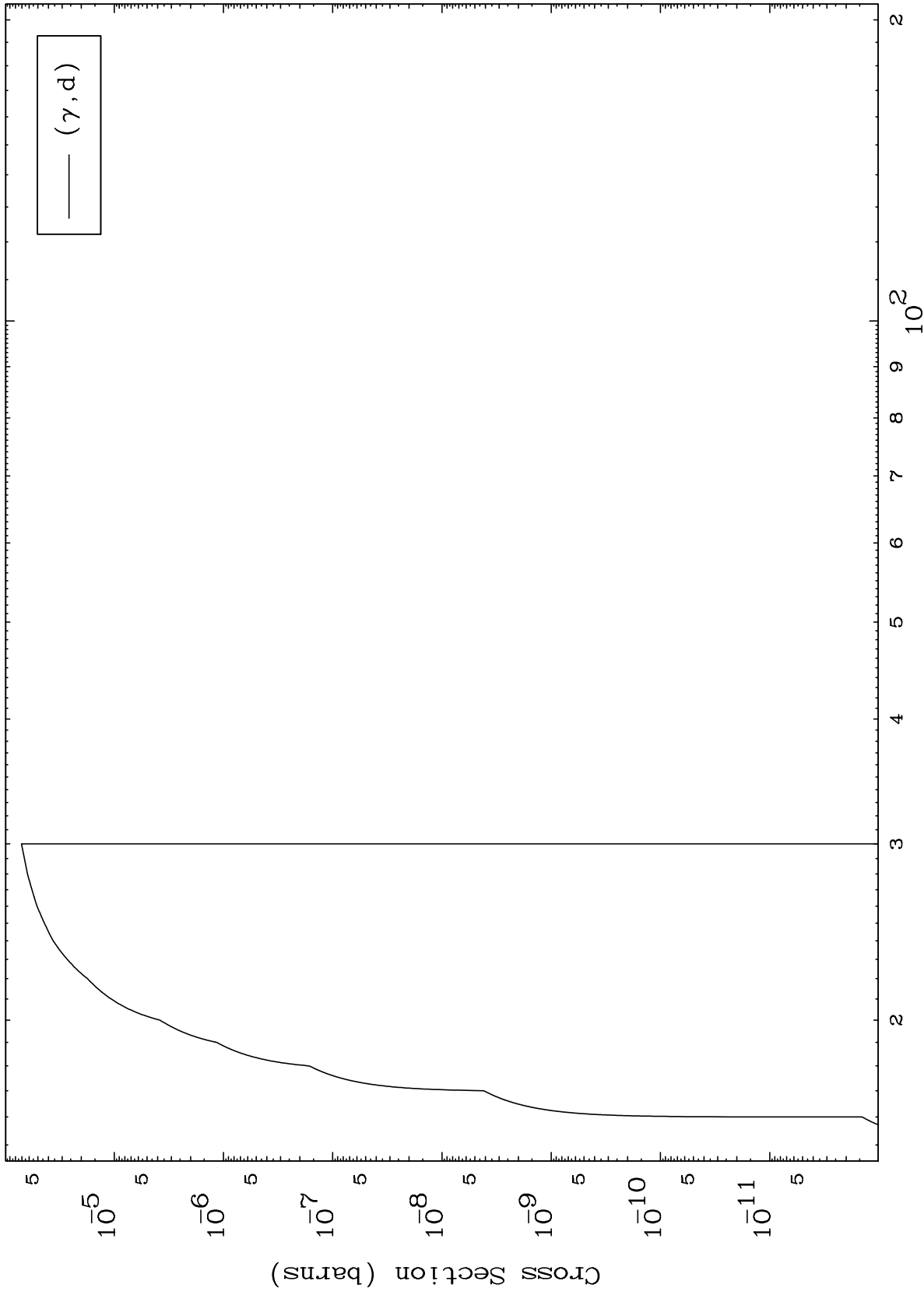
Incident Energy (MeV)

41-Nb-89

MAT 4113

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

41-Nb-89



7

Incident Energy (MeV)

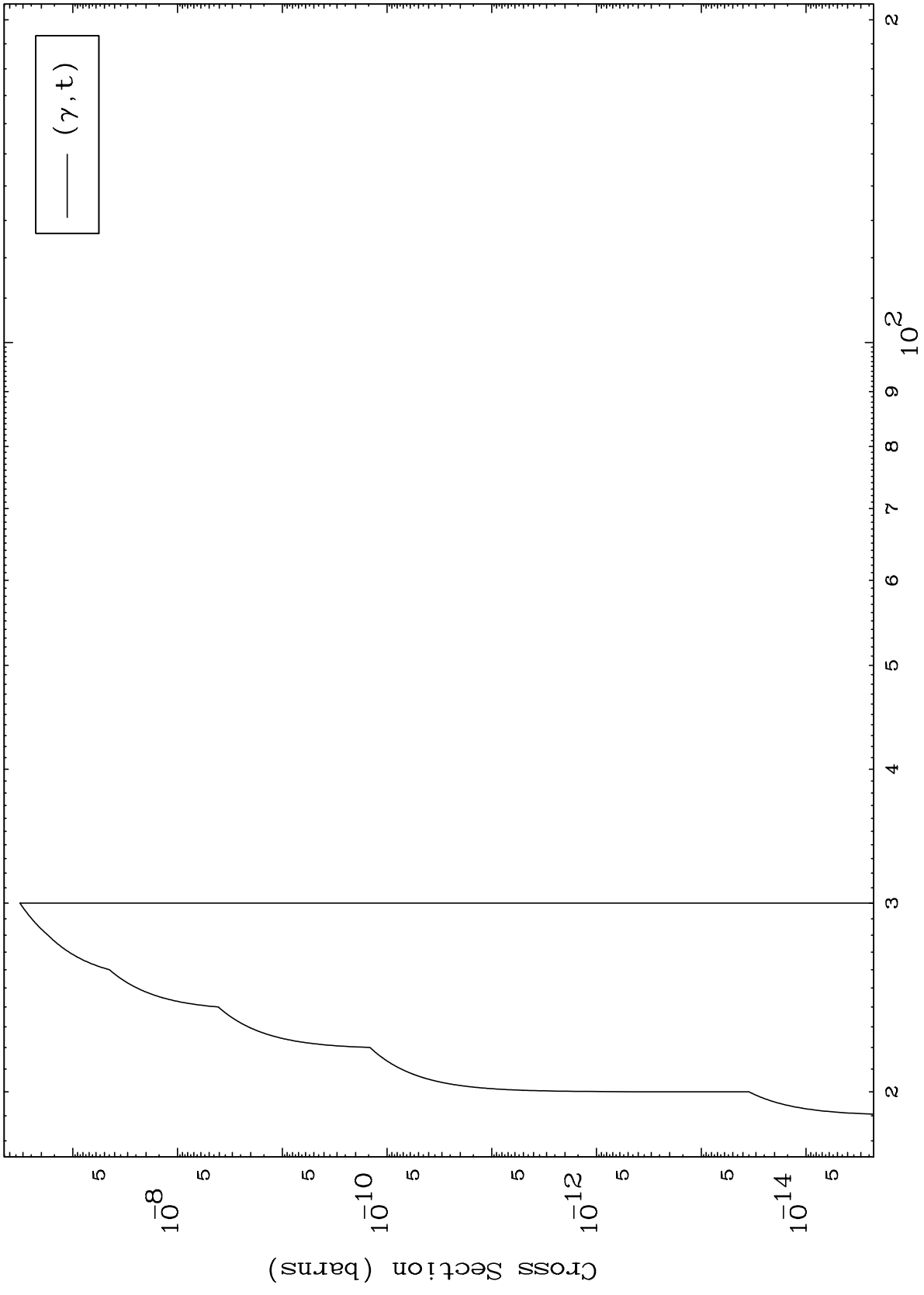
41-Nb-89



MAT 4113

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

41-Nb-89



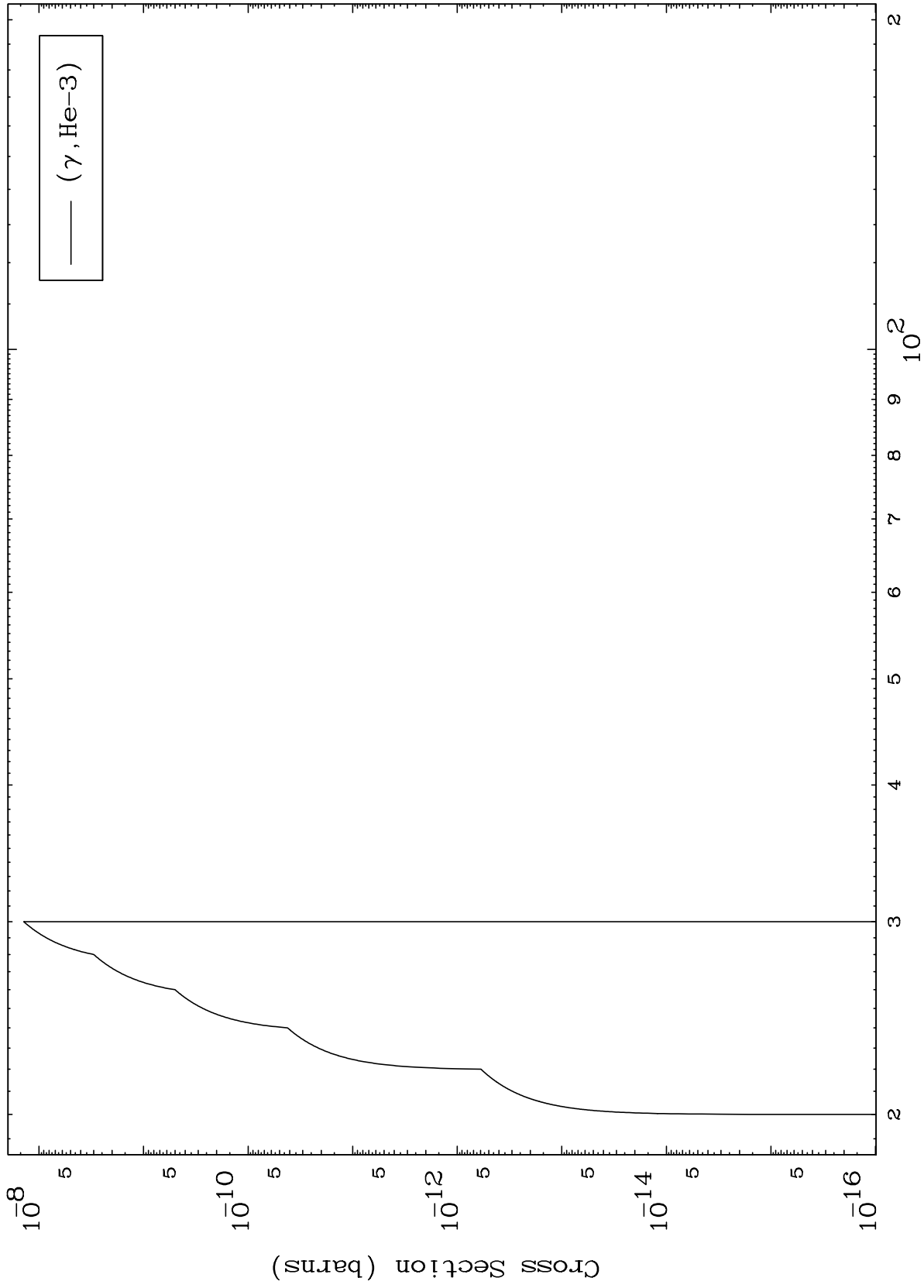
8

41-Nb-89

MAT 4113

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

41-Nb-89



9

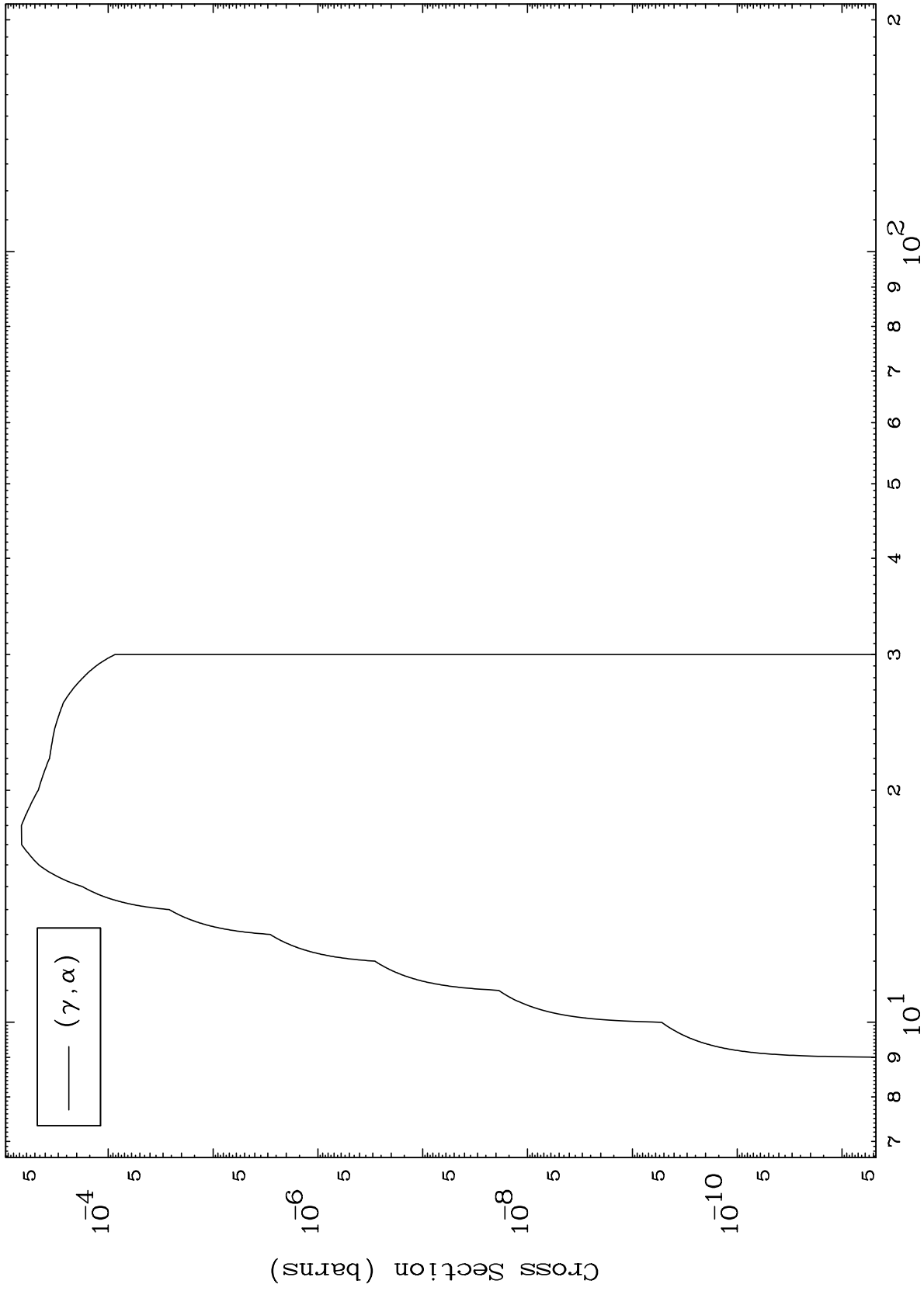
Incident Energy (MeV)

41-Nb-89

MAT 4113

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

41-Nb-89



10

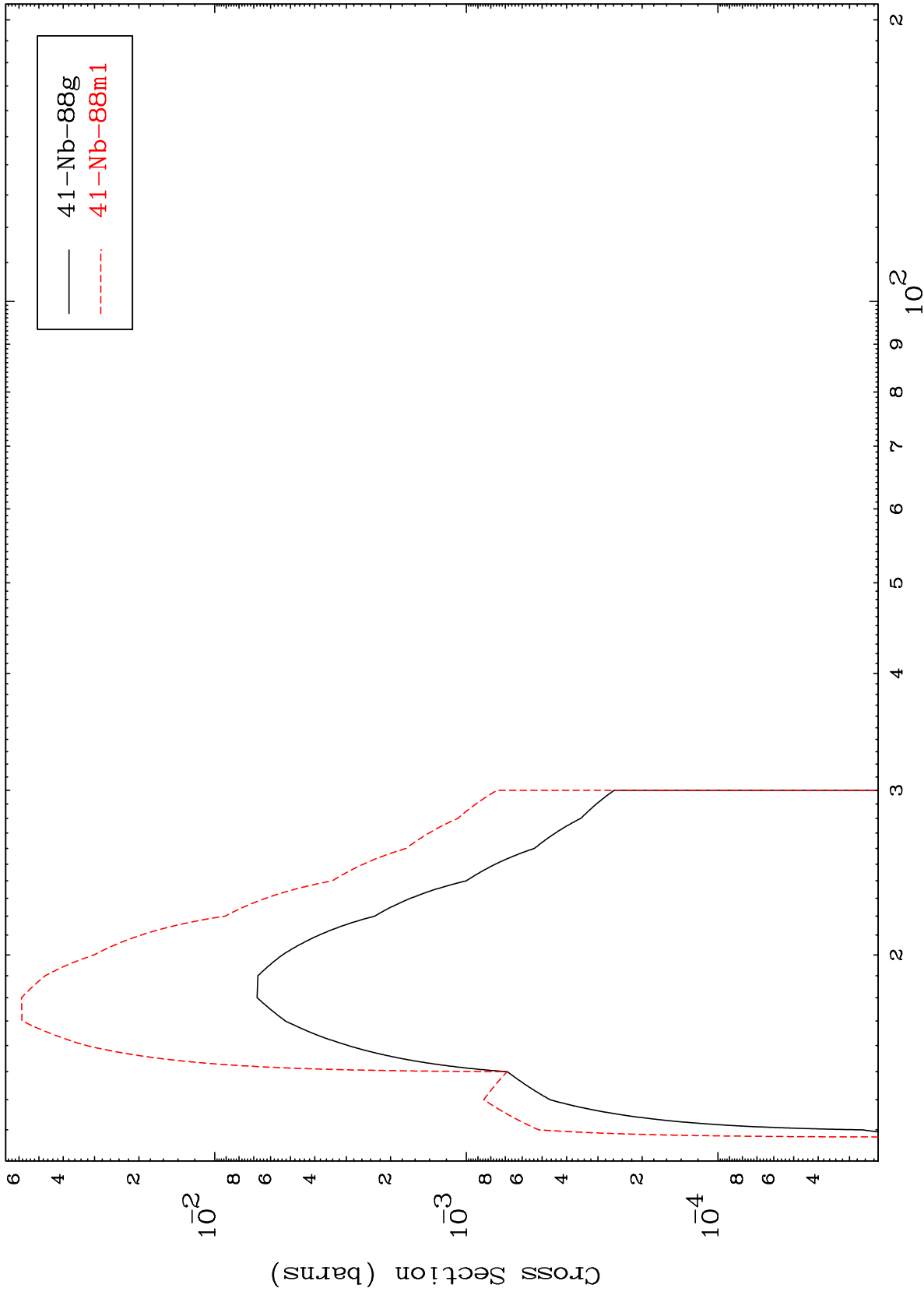
Incident Energy (MeV)

41-Nb-89

MAT 4113

Photon Inelastic  
Radionuclide Production Cross Section

41-Nb-89



11

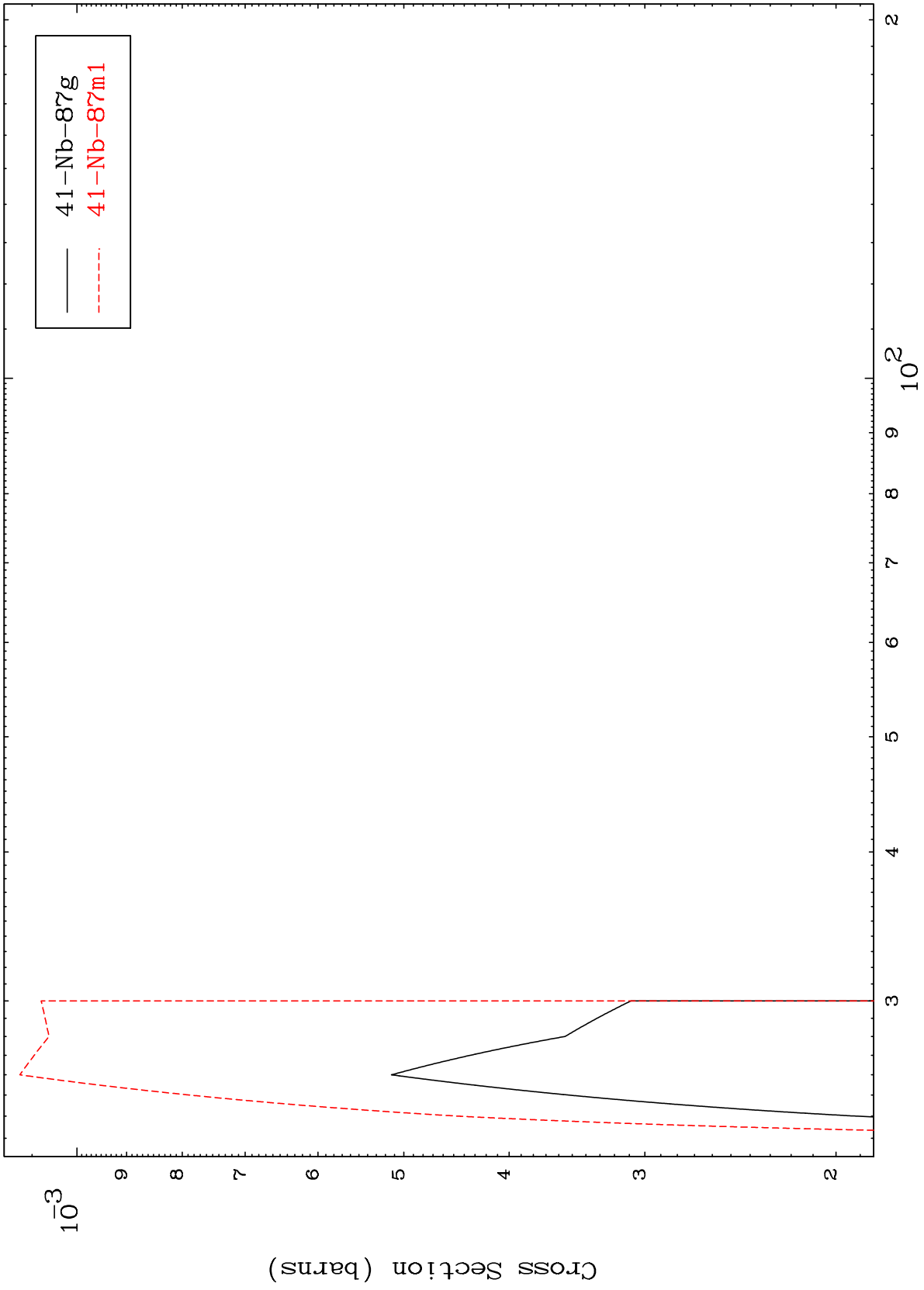
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

$(\gamma, 2n)$   
Radionuclide Production Cross Section



12

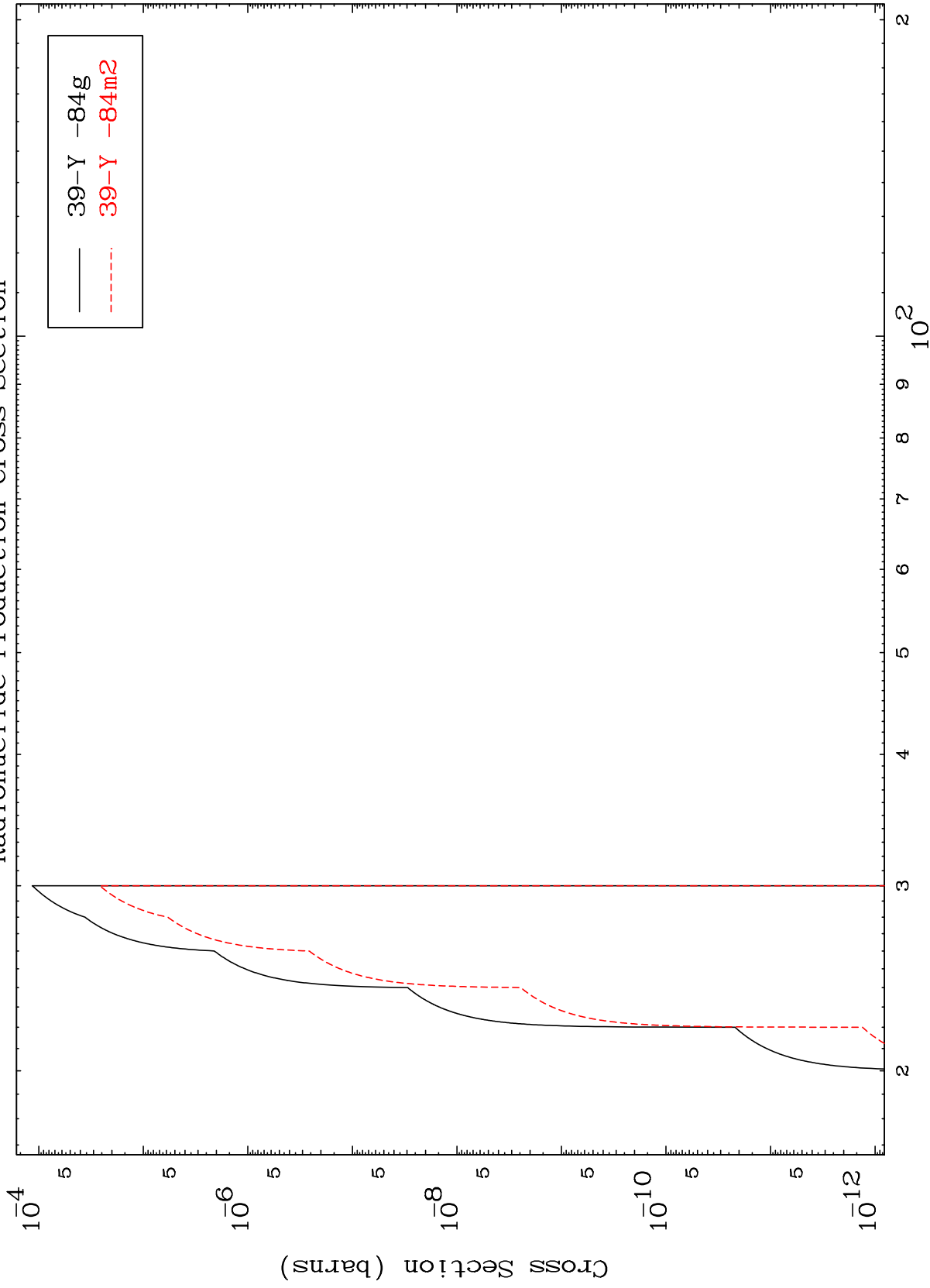
41-Nb-89

MAT 4113

$(\gamma, n')$   $\alpha$

41-Nb-89

Radionuclide Production Cross Section



13

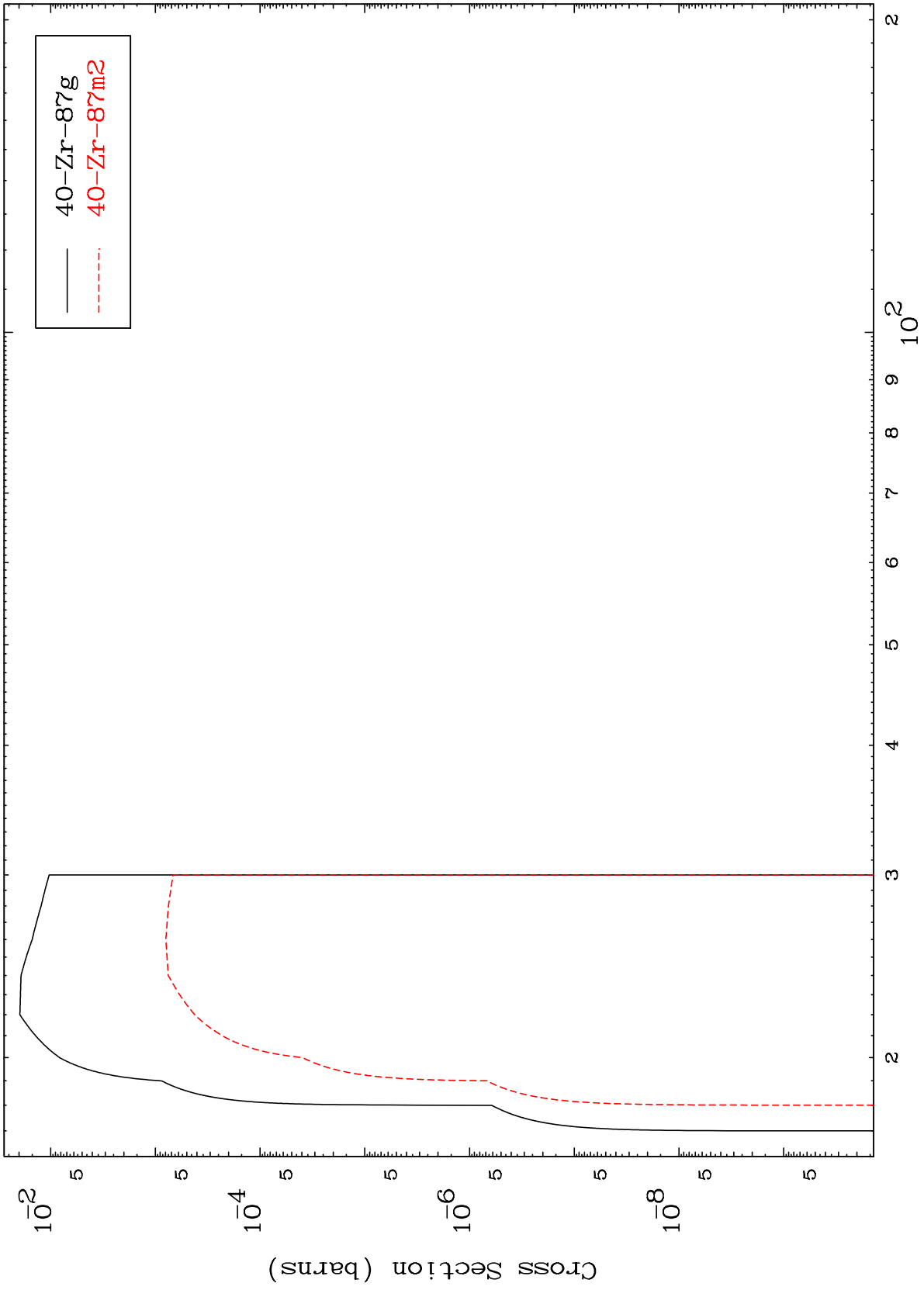
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

$(\gamma, n')$  p  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

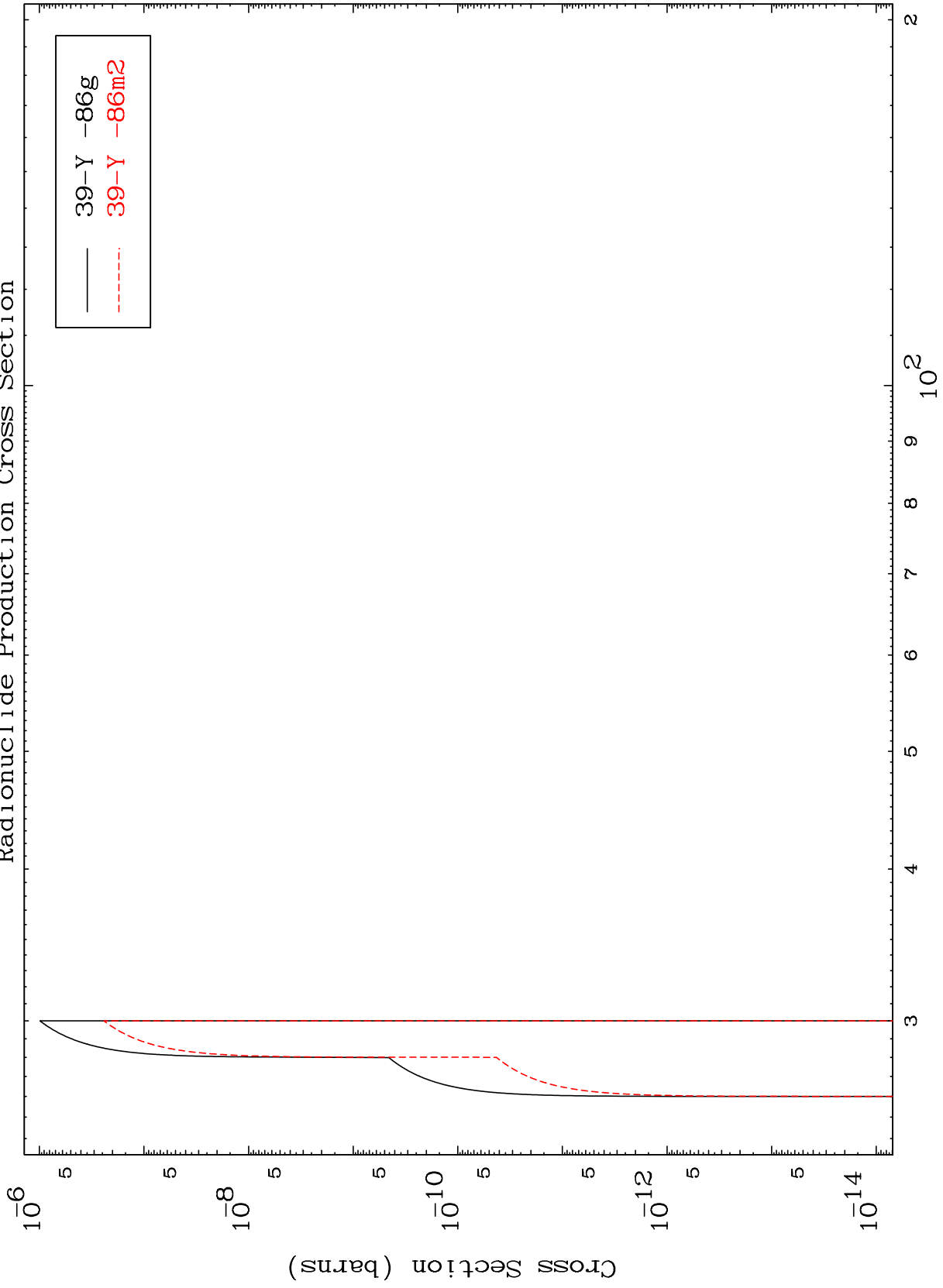
41-Nb-89

MAT 4113

( $\gamma, 2n$ ) p

41-Nb-89

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-89

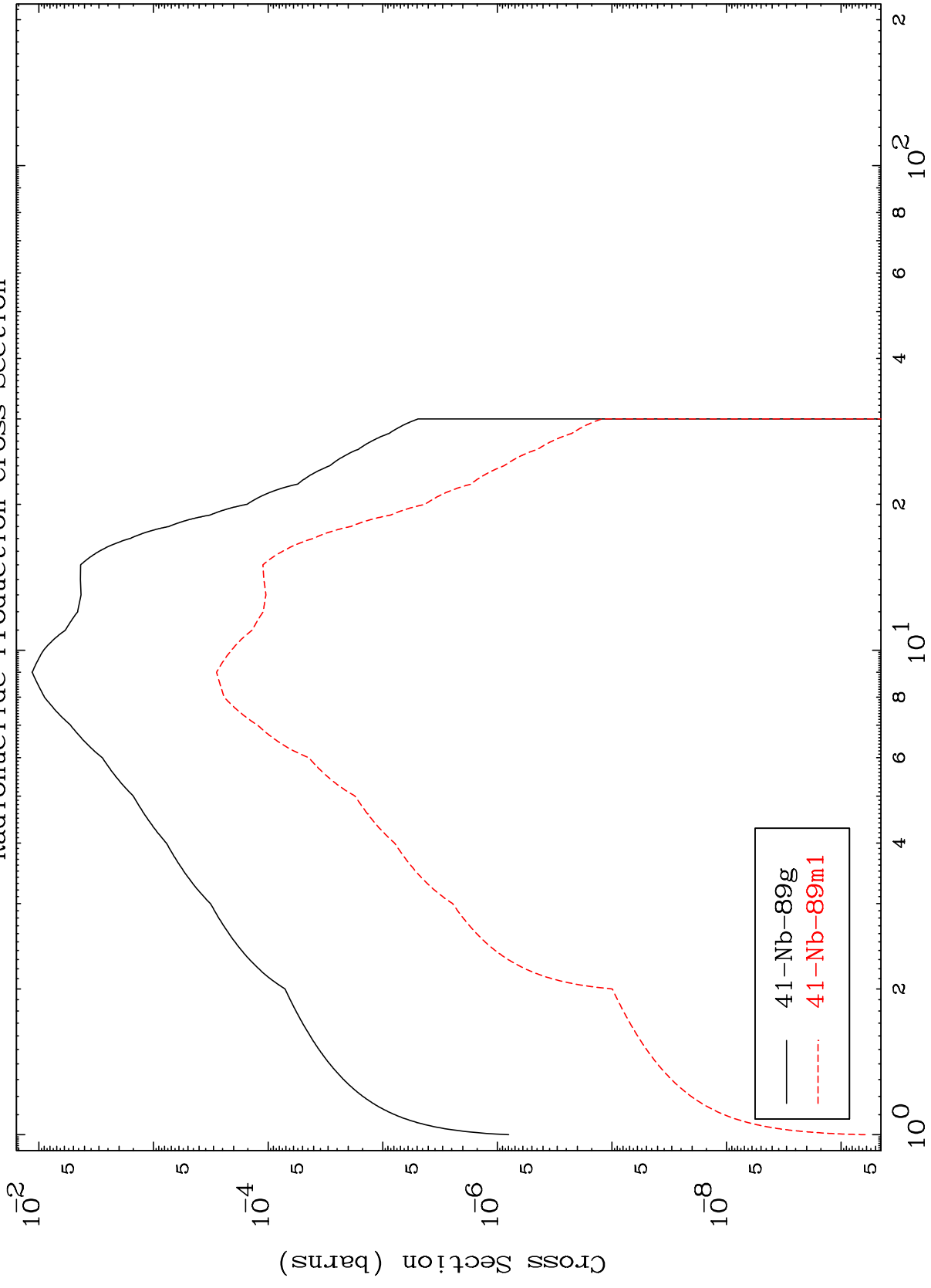


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41-Nb-89

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



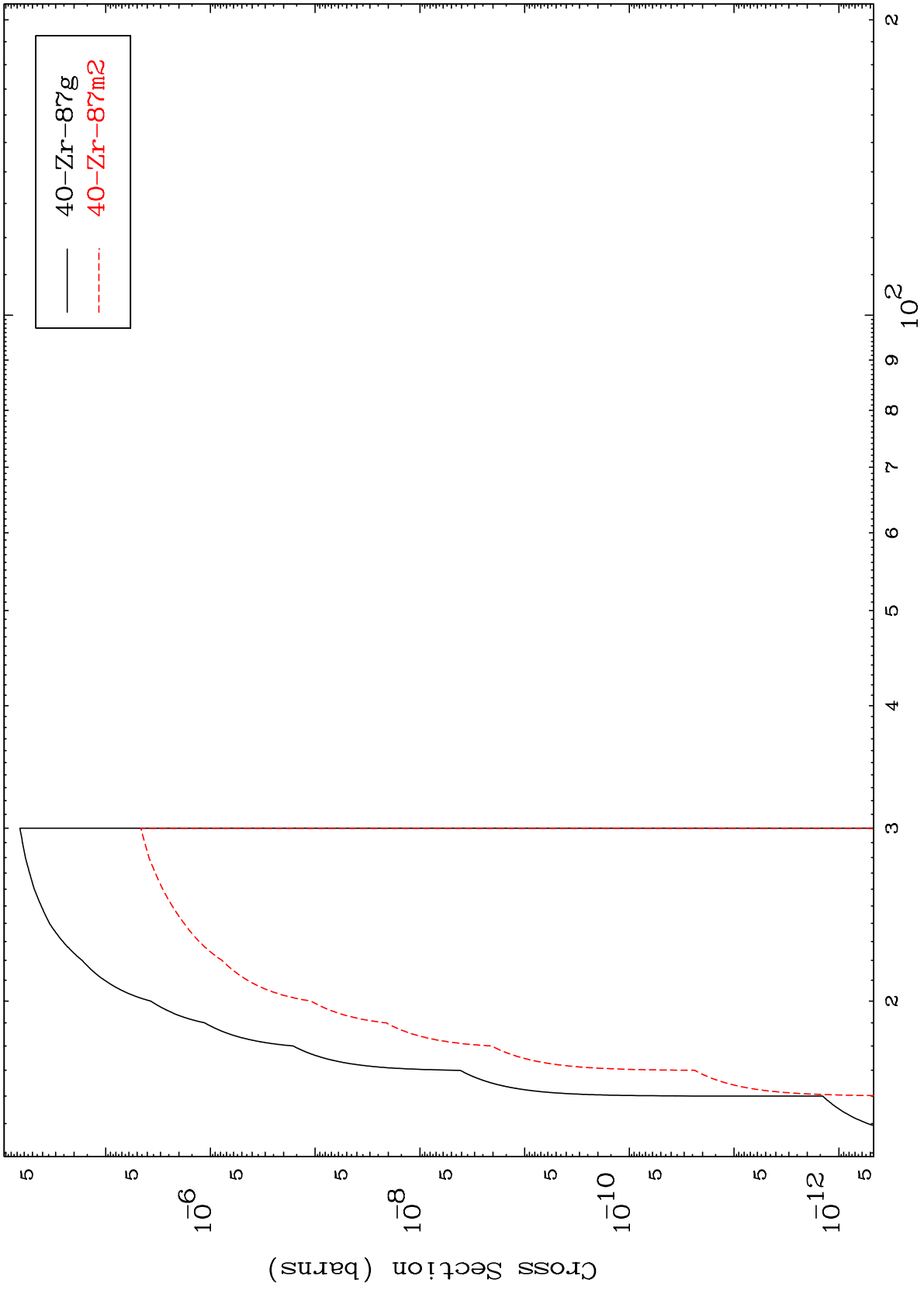
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

( $\gamma, d$ )  
Radionuclide Production Cross Section



17

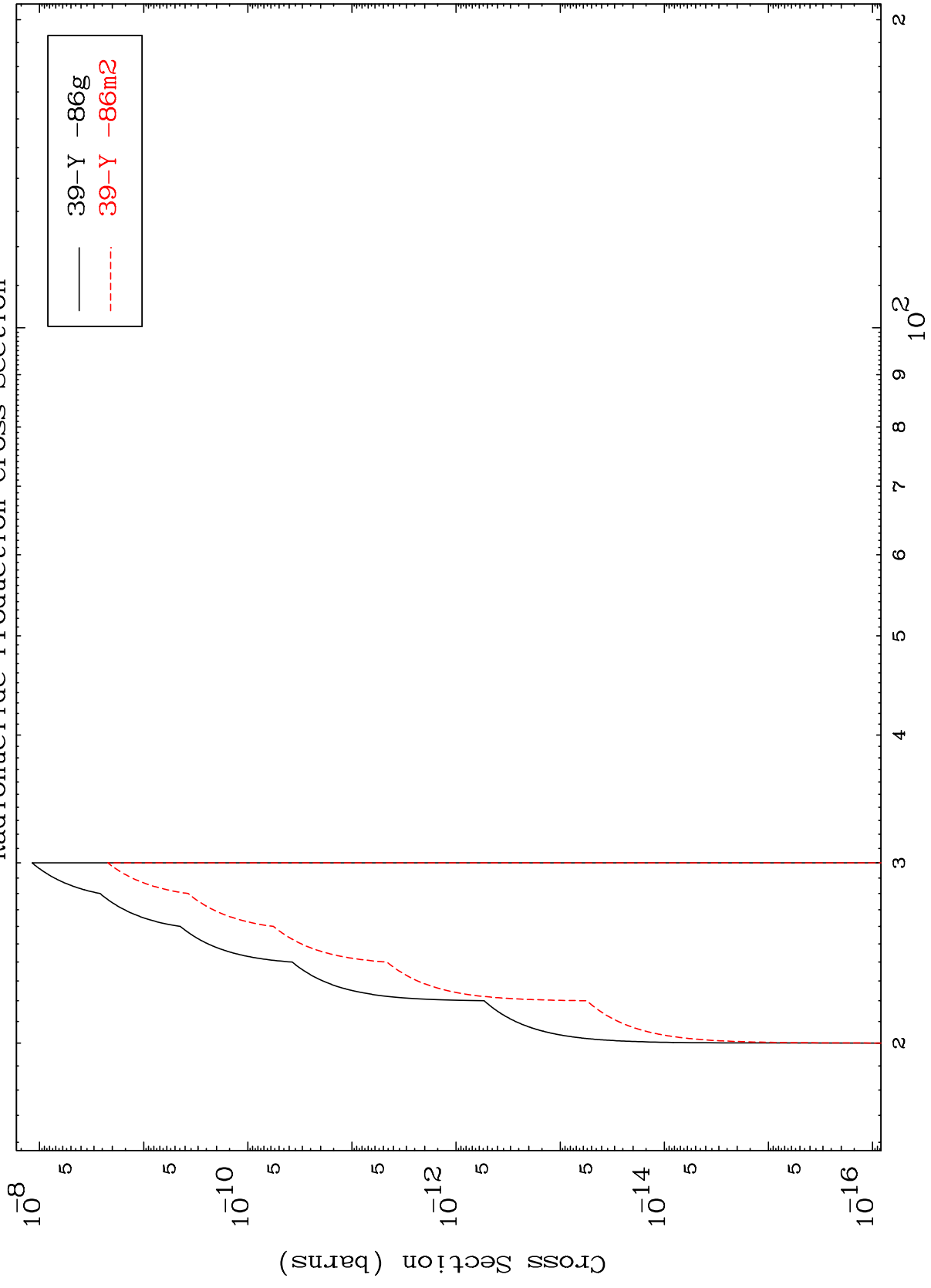
41-Nb-89

MAT 4113

( $\gamma, \text{He-3}$ )

41-Nb-89

Radionuclide Production Cross Section



18

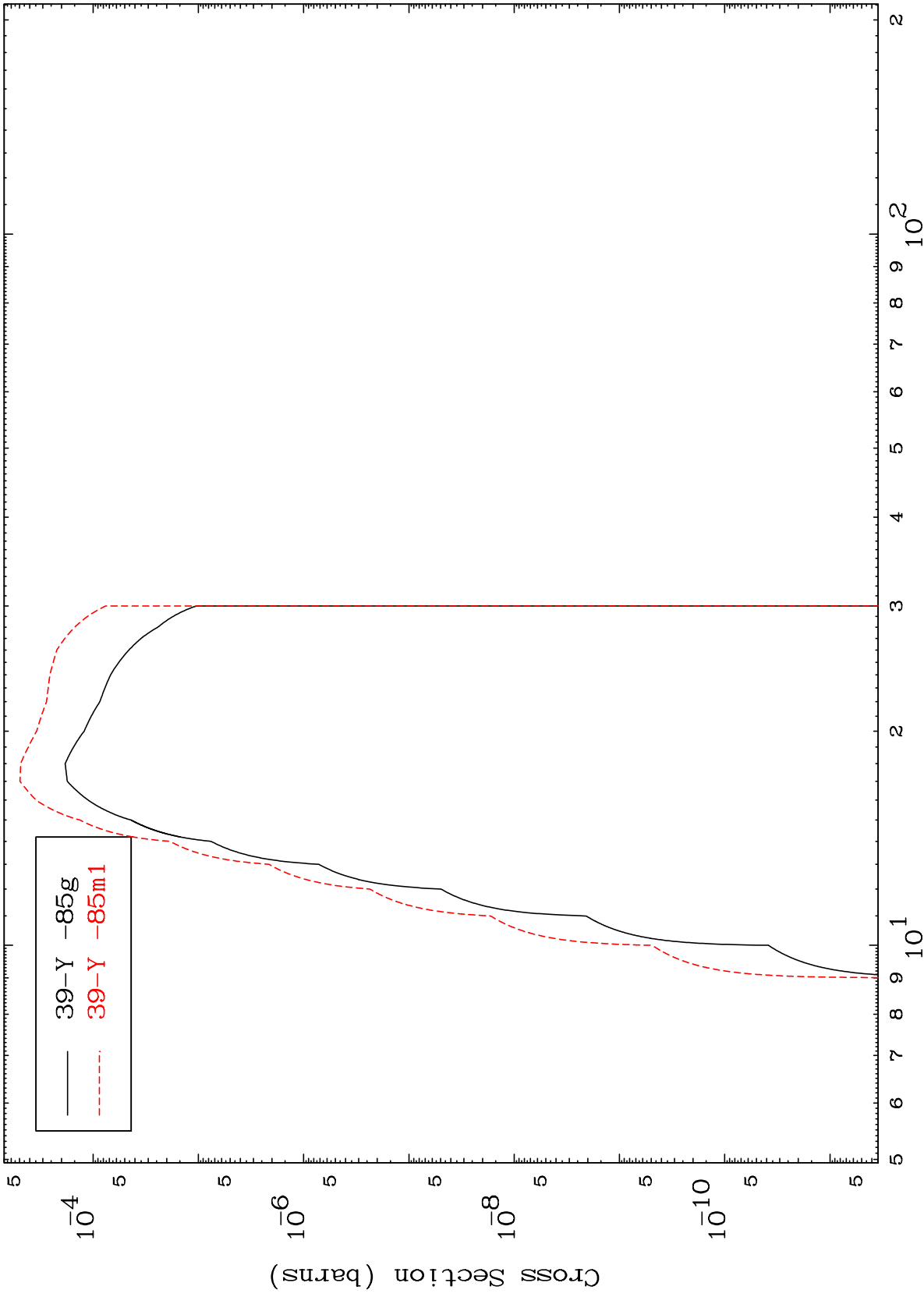
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

Radionuclide Production Cross Section  
( $\gamma, \alpha$ )



19

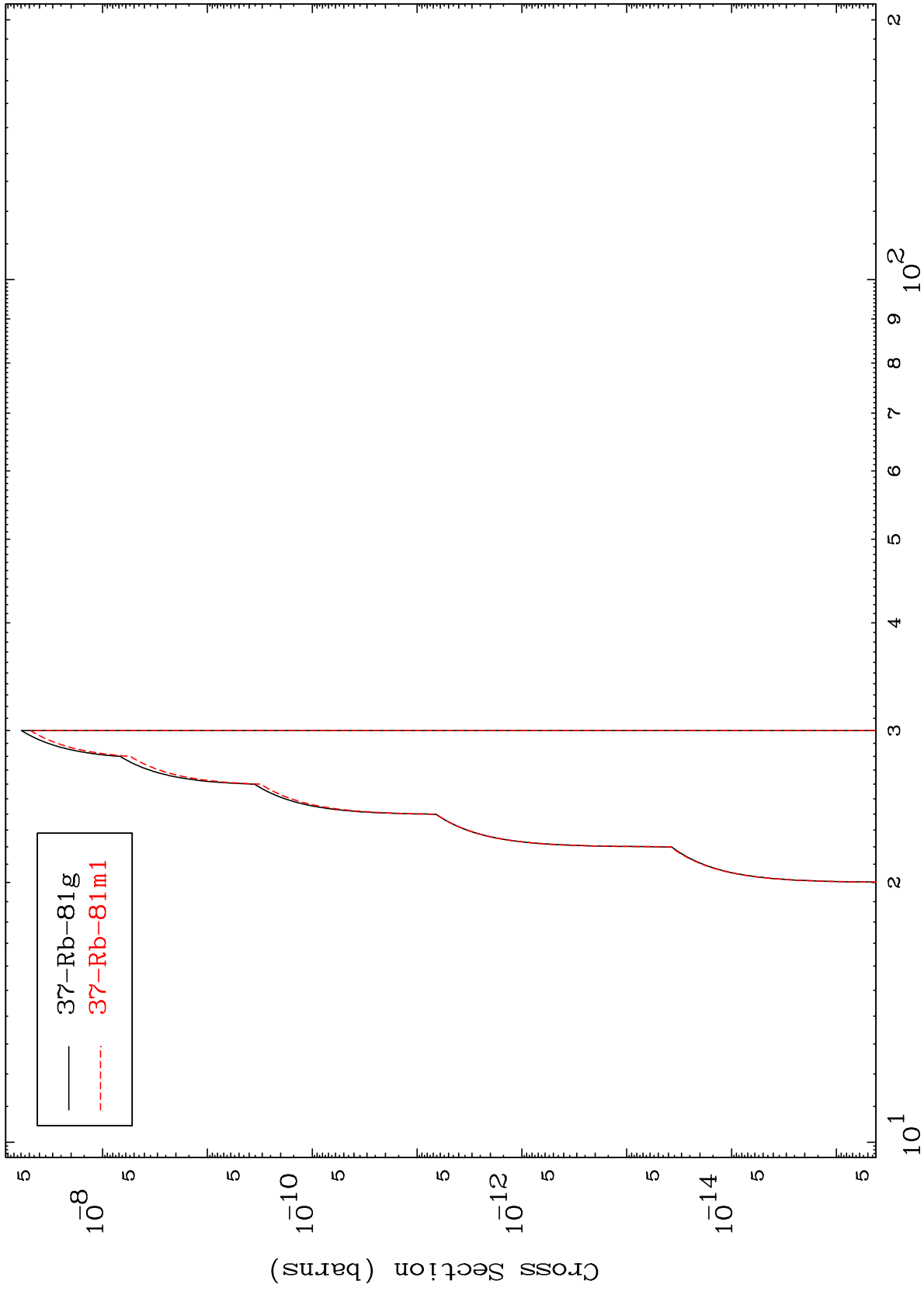
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

Radionuclide Production Cross Section  
( $\gamma, 2\alpha$ )



37-Rb-81g  
37-Rb-81m1

20

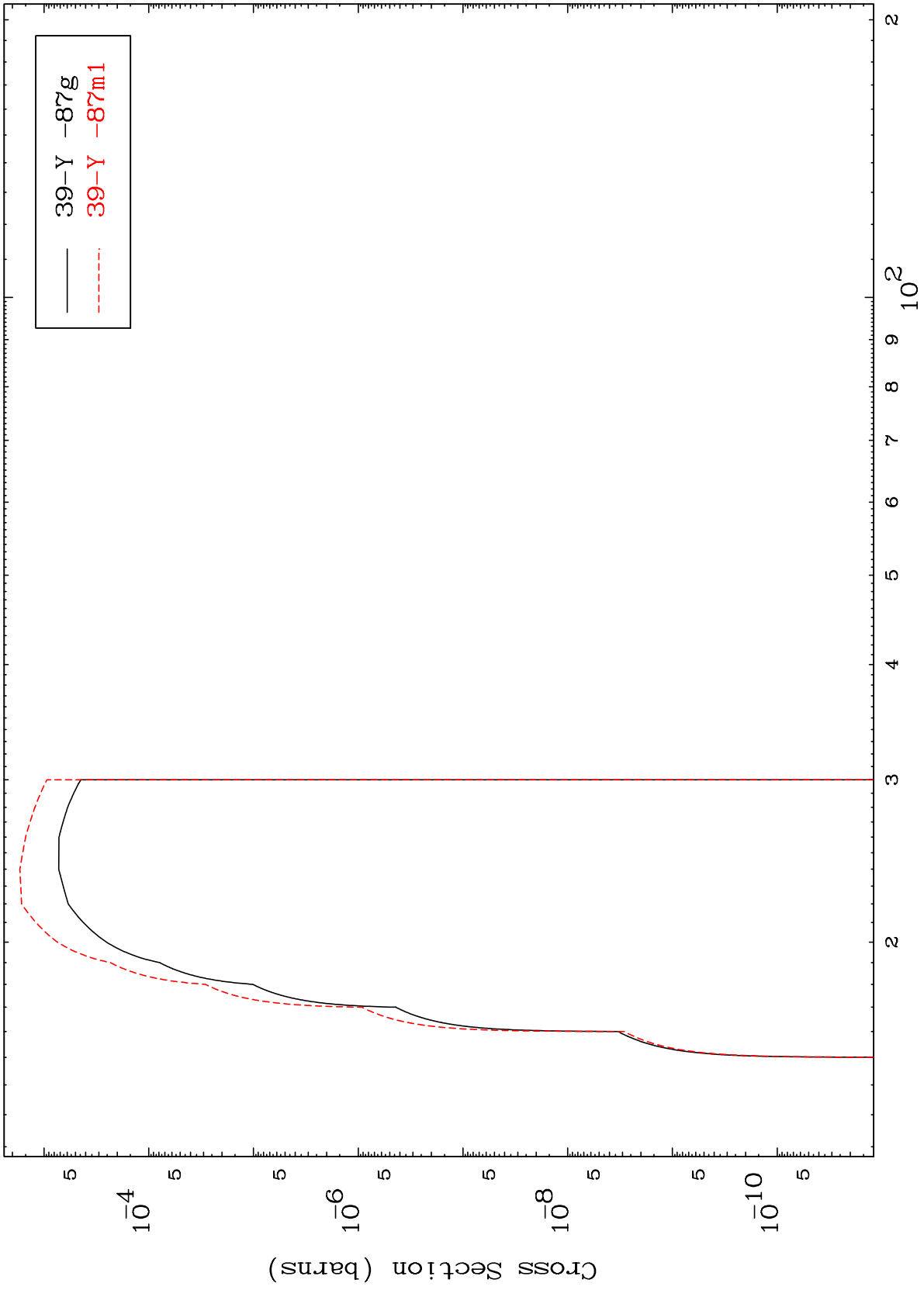
Incident Energy (MeV)

41-Nb-89

MAT 4113

41-Nb-89

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

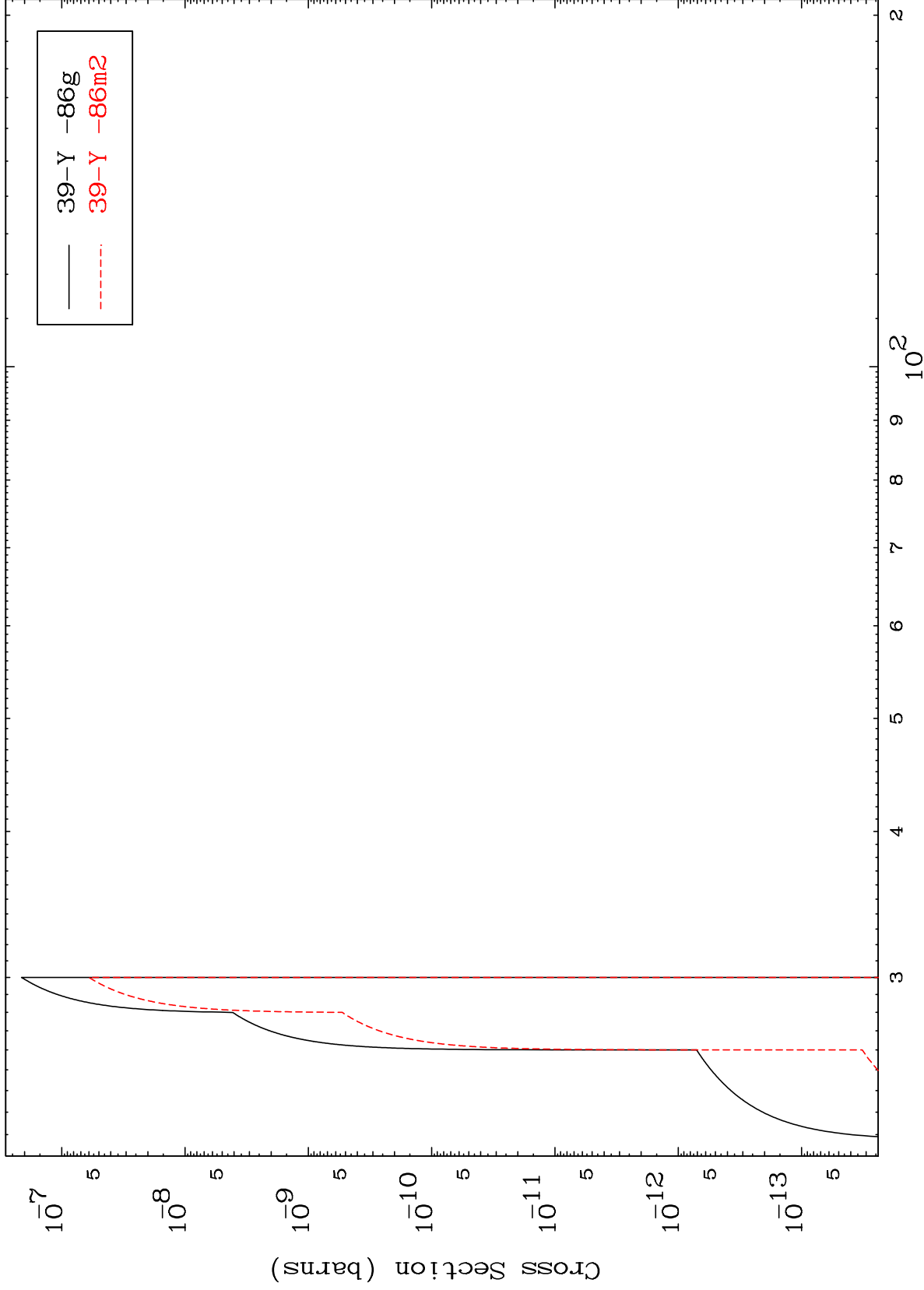
41-Nb-89

MAT 4113

( $\gamma, p$ ) d

41-Nb-89

Radionuclide Production Cross Section



22

Incident Energy (MeV)

41-Nb-89